# Carleton UNIVERSITY

132<sup>nd</sup> CONVOCATION

Thursday, June 12 2008

Ottawa, Ontario, Canada

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#### 2008 SPRING CONVOCATION

Convocation at Carleton University
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Morning ceremony—Thursday, June 12, 9:30 a.m.
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Doctor of Philosophy from the Faculty of Engineering and Design; Master of Applied Science; Master of Engineering; Bachelor of Engineering

#### O CANADA

O Canada! Our home and native land!
True patriot love in all thy sons command.
With glowing hearts we see thee rise,
The True North strong and free!
From far and wide, O Canada,
We stand on guard for thee.
God keep our land glorious and free!
O Canada, we stand on guard for thee.
O Canada, we stand on guard for thee.

O Canada! Terre de nos aïeux,

Ton front est ceint de fleurons glorieux!

Car ton bras sait porter l'épée,

Il sait porter la croix!

Ton histoire est une épopée

Des plus brillants exploits.

Et ta valeur, de foi trempée,

Protégera nos foyers et nos droits.

Protégera nos foyers et nos droits.

#### HISTORY

Carleton University is unique within the Ontario university system for several reasons. It was founded in 1942 not by state or church but through a community movement, initiated by the YMCA, to provide non-sectarian education for the thousands of men and women who came to Ottawa in support of the war effort. Because of these roots, Carleton has, throughout its history, attempted to meet the needs of the community by making its programs and resources widely available through innovative technologies and lifelong learning opportunities.

Today, Carleton stands among the best comprehensive universities in Canada. It is a dynamic, research-intensive university, committed to providing an outstanding learning experience for its more than 24,000 students. The University offers more than 100 majors, specializations and concentrations in areas as diverse as public affairs, journalism, art and culture, engineering, high technology, and international studies. Today's Convocation ceremony (the calling together of the academic assembly) has its roots in university traditions of medieval Europe.

#### COAT OF ARMS



The coat of arms was presented to the University by His Excellency The Right Honourable Ramon John Hnatyshyn, Governor General of Canada, on November 15, 1992, as part of Carleton's 50th anniversary celebrations. It is described in heraldic terms as follows: Sable a maple leaf Gules irradiated and charged with an open

book Argent; And for a Crest: on a wreath Argent Sable and Gules a Phoenix Gules quilled and beaked Or issuing from flames proper; And for a Motto: Ours the Task Eternal; And for Supporters: on a grassy mount on either side a raven Sable beaked and membered or armed Gules.

The open book on the maple leaf signifies that Carleton University is in the nation's capital and that learning is open to all who wish to partake of it. The phoenix, the legendary eternal bird, symbolizes the renewing of learning from older foundations, in recognition of Henry Marshall Tory's role in the founding of the University when he was 78 years old. Ours the Task Eternal is taken from a Walt Whitman poem entitled *Pioneers* and ties in with the eternal quality of the phoenix.

The Carleton University coat of arms therefore symbolizes sound learning, good citizenship, and the highest hopes of humanity.

#### THE MACE



The mace is a staff symbolizing authority. In the days of knighthood, it was a weapon, but after the 16th century it became solely a symbol of authority carried by a distinguished member of an assembly. It is used on ceremonial occasions to signify the right of an individual or institution to perform a certain function—in the case of universities, to grant degrees.

At Convocation, the mace is carried ahead of the Chancellor as he enters and leaves each ceremony. During the ceremony, the mace is displayed as an embodiment of the authority of the University.

Carleton's mace was presented to the University in 1976 as a gift from the Chair of the Board of Governors at that time, Mr. Hyman Soloway. It is a silver-plated staff about one metre long. At the upper end there is a bowl marked with the University's coat of arms and the University motto in Latin and English—Opera Nobis Aeterna and Ours the Task Eternal. From the upper portion of the bowl rises a phoenix. Traditional oak leaves surround the lower end of the staff.

#### THE DIPLOMA

The diploma the graduates receive at Convocation is the certificate of qualification which publishes the fact that the student has fulfilled all the requirements and completed the prescribed course of study for the degree. As the senior

academic legislative body of the University, it is the Senate which has determined whether the requirements have been met. The signatures of the Chancellor and the President of the University appear on the diploma: the Chancellor because of his role in conferring the degree, and the President who, as Chair of Senate, certifies that Senate has enacted the required motion to award the degree. The Seal of the University is affixed to the diploma as a mark of authentication.

#### ACADEMIC DRESS

The academic dress of Carleton University results from a compromise between that found in the ancient foundations of Britain and Canada and the American Intercollegiate Code. All three hoods—bachelor's, master's, and doctor's—are of the simple or Oxford shape. The bachelor's hood is made of black stuff. The master's and doctor's are made of black silk. All are lined with silver silk, with two chevrons, one of red and one of black. From bachelor's to doctor's, the hoods are progressively longer and opened to show more of the lining.

The velvet border of the hoods denotes the degrees granted according to the following colour combinations: applied science is orange with a black cord sewn slightly in from the lower border; architecture is cerise; architectural studies is cerise with a black cord sewn slightly in from the lower border; arts is white; commerce is camel brown; computer science is royal blue; engineering is orange; humanities is white with a red cord sewn slightly in from the lower border; industrial design is dark cardinal; information technology is maize including a green chevron to denote the joint degree and applied diploma from Carleton University and Algonquin College respectively; international business is camel brown with a red cord sewn slightly in from the lower border; journalism is white with a black cord sewn slightly in from the lower border; management studies and business administration are camel brown with a black cord sewn slightly in from the lower border; mathematics is hunter green; music is venetian pink; public administration is peacock blue; public affairs and policy management is teal with a gold cord sewn slightly in from the lower border; science is golden yellow; social work is cream; and doctor of philosophy is purple

The master's and bachelor's gowns, to be worn with the above hoods, are of full length, made of black stuff, with a gathered yoke behind, and long open-fronted sleeves. The doctoral gown is of full-style, made of fine royal blue cloth with facings of light blue silk, with a full gathered yoke behind, and closed sleeves with an opening at the elbows.

The two shades of blue in the doctoral gown are those of the United Nations, and recognize the University's long-standing interest, from its earliest years, in international affairs and issues. The colours were chosen when the University awarded its first honorary degree in 1954 to the second secretary general of the United Nations, Dag Hammarskjöld. The tradition of awarding honorary degrees to secretaries general of the United Nations has continued since that time.

The gown of the honorary Doctor of Laws, Literature, Music, Science, Engineering, Architecture or Fine Arts is a full robe with bell-shaped sleeves. It is made of fine royal blue cloth with facings and sleeves in light blue silk. The hood is made of the same material as the gown, has the same lining as that for the degrees granted by examination, and is bordered with dark mauve for the degree of Doctor of Laws; vibrant blue for the degree of Doctor of Music; red for the degree of Doctor of Science; orange for the degree of Doctor of Engineering; cerise for the degree of Doctor of Architecture; and dark cardinal for the degree of Doctor of Fine Arts.

#### ALUMNI HALL

The Alumni Hall and Sports Centre opened in 2005 and serves more than 750,000 visitors every year. The new centre has tripled the usage for athletic and other activities and has doubled the size of the cardio facilities at the University. The Alumni Hall and Sports Centre, which also houses the Ravens' Nest, the home of men's and women's varsity basketball teams, welcomes graduands and their families twice a year during Spring and Fall Convocation ceremonies. The Carleton University Alumni Association donated \$2.5 million towards the construction of this exceptional facility.

#### OFFICIATING OFFICERS

#### Chancellor of the University



Marc Garneau, C.C., C.D., B.Sc., Ph.D., F.C.A.S.I.

Marc Garneau was named Carleton University's ninth chancellor in 2003.

Dr. Garneau's first career was in the Canadian Navy. In 1983, he was selected as an astronaut and became the first Canadian to fly in space in 1984. He flew on two other missions before becoming the executive vice-president and then president of the Canadian Space Agency. Dr. Garneau ran for the Quebec Liberals in the 2006 federal election in the riding of Vaudreuil-Soulanges. He became an officer of the Order of Canada in 1984 and was promoted to the rank of companion in 2003.

#### President and Vice-Chancellor, pro tempore



Samy Mahmoud, B.Sc., M.Eng., Ph.D., P.Eng.

Samy Mahmoud, president and vice-chancellor *pro tempore* since 2006, is the driving force behind many new innovative academic programs that are contributing to Canada's knowledge base. He is also honorary chancellor of the University of Sharjah in the United Arabic Emirates, responsible for leading strategic planning.

A member of Carleton's Faculty of Engineering and Design for about 30 years, chair of the Department of Systems and Computer Engineering for 10 years and dean from 1998 to 2006, Dr. Mahmoud transformed the faculty into one of Carleton's flagship programs. He was acting provost and vice-president (academic) in 2006. His research includes opto-electronic systems, wireless data networks and sensors networks.

#### Chair of the Board of Governors



Jacques J. M. Shore, LL.B., LL.L.

Jacques Shore is chair of the Board of Governors and an ex officio member of all board committees. He is also the chair of the Council of Advisors of the Canadian Centre for Intelligence and Security Studies in Carleton's Norman Paterson School of International Affairs (NPSIA) and a member of the school's Distinguished Advisory Council. He joined the Board in 1999.

A partner in the advocacy department and government relations practice group of the national law firm, Gowlings, Mr. Shore focuses on administrative law and regulatory affairs, negotiations, trade and procurement issues, environmental issues, security intelligence and criminal justice matters, aviation and aerospace and government relations and advisory work.

The Presiding Officer of Convocation is the Chancellor of the University, Marc Garneau, C.C., C.D., B.Sc., Ph.D., F.C.A.S.I.

Accompanying him on the podium are Samy Mahmoud, B.Sc., M.Eng., Ph.D., P.Eng., President and Vice-Chancellor pro tempore, and Jacques Shore, LL.B., LL.L., Chair of the Board of Governors.

#### ASSISTING THE CHANCELLOR

Brian Mortimer, B.Sc., M.Sc., Ph.D. Associate Professor of Mathematics and Statistics Clerk of Senate and Marshal of Convocation

Donald L. Russell, *B.Eng.*, *M.S.*, *Ph.D.*, *P.Eng.* Associate Professor of Engineering (Mechanical and Aerospace)

Associate Marshal of Convocation

Shaundel Agim, B.A.
Recruitment Events Co-ordinator, Undergraduate
Recruitment Office
Beadle of Convocation

Donald Bailey, *B.Eng.*, *M.Eng.*, *P.Eng.*Instructor of Systems and Computer Engineering Beadle of Convocation

Courtenay Beauregard, B.A. Events Co-ordinator, Career Development and Co-operative Education Office Beadle of Convocation

Allan Blunt, M.A. Instructor I and Academic Advisor, Centre for Initiatives in Education Beadle of Convocation

Yvon Cazabon, *Dip., B.Arch., M.Arch., M.R.A.I.C.*Associate Professor of Architecture
Beadle of Convocation

Lorraine Dyke, B.A., M.B.A., Ph.D. Associate Professor of Business Beadle of Convocation

Jennifer Elliott, B.A. Communications Officer, Office of the Associate Vice-President (Student Support Services) Beadle of Convocation

Frederick A. Michel, B.Sc., M.Sc., Ph.D. Associate Professor of Earth Sciences, and Environmental Science Beadle of Convocation

Rasheeda Wright, *B.A.*, *M.Ed.*Co-operative Education Career Counsellor
Beadle of Convocation

Also assisting at Convocation:

University Registrarial Services

Registrar's Office, Faculty of Graduate Studies and Research

Office of the President

Senate Office

Department of University Communications

We would also like to acknowledge the following on-campus departments and ancillary operations for their valuable contribution to the success of the Spring 2008 Convocation:

Aramark
Alumni Services
Carleton University Bookstore
Carleton University Student Emergency
Response Team
Department of Recreation and Athletics
Graphic Services
Instructional Media Services
Parking Services
Physical Plant
Senate Office
University Archives
University Safety

#### UNIVERSITY AWARDS

#### Board of Governors Award



Primarily intended to honour non-academic work, this award recognizes voluntary involvement in the not-for-profit sector

#### Jeffrey J. Beyer

Jeffrey Beyer is graduating with a combined honours degree in economics and psychology. His involvement with the global community and his motivational speaking about international development and the environment reflect his dedication to empowering others towards positive change. He is involved with Engineers Without Borders and helped found the World Bank's Youth Development and Peace Network.

#### Founders Award



Carleton University's highest non-academic honour recognizes a significant contribution to the advancement of the university

#### Ruth Bell, M.A., LL.D.

Alumna and former Carleton University professor, Dr. Ruth Bell has ardently supported many causes at her alma mater and in the public sphere for six decades. Her dedication to advancing women's rights, education and an understanding of our nation's political system has made a lasting contribution to generations of students.

#### Henry Marshall Tory Award



Recognizes a student's high academic achievement and solid commitment to Carleton University Students' Association and the Carleton community

#### Darran Fernandez

A graduating student of mass communications and political science, Darran Fernandez is actively involved in the Carleton and greater Ottawa communities through his work with the Carleton University Students' Association, Residence Life and Student Affairs. He is also a dedicated volunteer of programs co-ordinated by Big Brothers Big Sisters Ottawa.

#### Patrick O'Brien High School Teaching Award



Established in 1998 to acknowledge outstanding high-school teachers in Eastern Ontario who inspire and influence their students to succeed

Janet Munroe-Carpenter, B.Math. B.Ed., North Grenville District High School

More than a quarter of a century with the Ontario Secondary School Teachers' Federation, Janet Munroe-Carpenter has been happily teaching mathematics at North Grenville District High School since 1982. She earned a mathematics degree from the University of Waterloo and an education degree from the University of Western Ontario.

#### Patrick O'Brien High School Teaching Award



Robert Geddes, B.A., B.Ed., Notre Dame Catholic High School

A teacher and coach at Notre Dame High School in Carleton Place, Robert Geddes ended up teaching in the Ottawa Valley in spite of intentions to leave Canada forever. Ten years later, he believes he has the best vocation in the world. He earned his education degree from St. Andrew's College, University of Glasgow.

#### MEDALLISTS IN THE GRADUATING CLASS

#### GOVERNOR GENERAL'S MEDAL

Awarded annually to the two students standing at the head of the graduating class at the bachelor's level Donor: Her Excellency the Governor General of Canada

Jenna Wiens

Hannah Katrina Penner McGregor

#### CHANCELLOR'S MEDAL

Awarded annually in the name of the Chancellor of the University to a graduating student of outstanding academic achievement

Armin Badre

#### PRESIDENT'S MEDAL

Awarded annually in the name of the President of the University to the student with the highest standing in a general degree program of studies

Azadeh Nikoo Rajaee

# UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

WORK—Doctoral Level

Awarded, when merited, for outstanding graduate work at the doctoral level

Ronjon Paul Datta

# UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

WORK-Master's Level

Awarded, when merited, for outstanding graduate work at the master's level

Alain A. El Hofi

#### UNIVERSITY MEDAL

Awarded annually, when merited, to the graduating students standing highest in architecture, architectural studies, arts, commerce, computer science, engineering, humanities, industrial design, information technology, interfaculty studies, international business, journalism, mathematics, music, public administration, public affairs and policy management, science, and social work

Architectural Studies
Franz Greenwood

Arts

Won-II Jun

Arts

Carolyn M. Laferrière

Arts

Matthew Wells

Commerce

Michael Allen

Computer Science
Paul Charlebois

Computer Science

Dana Katherine Jansens

Engineering

William Ché Knisely

Humanities

Scott Robert Lemoine

Industrial Design

Yana Klimava

Information Technology Hannah Allison Johnston

Interfaculty Studies

Susanna Barbara Konsztowicz

International Business

Rami Fayad

Journalism

Justine Catherine Feron

Mathematics

Huda Masoud

Public Affairs and Policy Management

Yuna Connie Kim

Science

Michael Albert Beking

Social Work

Sadie Diane Litchfield

# SENATE MEDALS FOR OUTSTANDING ACADEMIC ACHIEVEMENT - Graduate

Awarded, when merited, to graduating students of outstanding academic achievement

Doctoral Level

R. Omur Birler

Mathieu Couture

Statia Elliot

Kenneth William Fish

Shavin Malhotra

Julie Katherine Thorpe

Jingcheng Zhuang

Master's Level

Bishnu Bhattacharyya

James Sean Dooley

Robert Nicolas Feraco

Afiya Saidi Kassim

John Claybran Moses

Sandra Jean Robinson

Michael E. Volek

SENATE MEDALS FOR OUTSTANDING ACADEMIC

ACHIEVEMENT - Undergraduate

Awarded, when merited, to graduating students

of outstanding academic achievement

Davide Agnello

Sarah Elizabeth Agosta

Emmanuel Pierre Joseph Agostino

Marcus Ede Allan

Catherine Allen

Cecilia Emperatriz Alvarez

Cameron Alistair Owen Anstee

Patrice Arruda

Jesse Joseph Audet

Shachar Avni

Margaret Alexandra Bailey

Samantha Kathleen Balemba

**Brian Bazett** 

Joshua David Bennitz

Sarah Bismalla

Catherine Boivin

Brittany Anne Bos

Luc-André Brunet

Helen Frances Burnett

Brian Shane Chenier

Edward Chouchani

Kathy Chow

Kristin Marie Clark

Michael Colussi

Christopher Copeland

Michael Correia

Meagan Curtis

Bradley Cyr

Alexander Jose De Leon Battista

Svetlana Demtchenko

Dianne Harper Denton

Barbara Deren

Kaley Nicole Dodds

Andrew Robert Doepner

Laura Doey

Lionel John Doonan

Laura Kristen Dunbar

Song Qiang Fang

Morgan Kelly Faulkner

Kathleen Forrest

Daniel Jordan Frebrowski

Andre Gagnon

Zachary Gaulin

Sabrina Gilani

Laura Elizabeth Gowland

Monic R. Gupta

Benny Gutman

Steven Ronald Hall

Noëlle Hansen

Christine Ashley Harrison

Yuko Hayashida

Rebecca Alexis Hosker

Boshra Hosseini

Corinna Lynn Hull

Jennifer Ide

Jaanki Jeevan

**Brent Thomas Jolly** 

Kathleen Jubenville

**Emily Kear** 

Madonna Keates Robert John Kent Adam Kingsbury

Adam Klein

Robert Hugh Klett Alicia Claire Landry

Louise Landry Melina Larizza Kelly Lauzon Anna Leshinskaya

Veronica Mariette Levy

Ilir Lipo

Eric Michael Lynch

Barry Michael MacCarthy

Earl Patrick McHugh

Xiao Mei

Luke Alexander Metzler

Seema Mirani Sandeep Mistry Cassandra Mizzi Tanushree Mohan

Margaret Vanessa Morel

Melin Kume Ngwar Christine Nieman

Omistine recinal

Ellen Phyllis Noble

Alexandra Sara Alana O'Dunn-Orto

Brett Andrew O'Grady

Shashank Pant

Ryan John Patterson

Thi-Chieu-Oanh Pham

Sachin Ivan Ramaniah

Zsofia Ritecz

Justin Kyle Rivest

Eric Rockefeller

Kaitlin Rodak

Morgan Bronwyn Reid Rowe

Sarah Runyon

Christopher Kenneth Schultz

Carmen Andrew Scribner

Caroline Seguin

Michael Robert Shives

Alexander James Sinclair

Elise Elmire Skinner

Stephen Matthew Snudden

Justina Sowden Sarah Jane Starkie Erika Rose Steeves Abigail Symington

Andre Tran

Mateusz Trybowski Natalie Aidan Twohey Julio José Valdés Jover Heather VanSeggelen

Robin Christina Hindle Visser Angelyn Sara Warmington Becky Charlene Weisbloom

Harrison John Westwick

Robin Wolf Wing-See Wu

#### MORNING CEREMONY

Thursday, June 12, 9:30 a.m.

Degrees conferred at Spring Convocation are awarded by Senate in February and in June.

Degrees awarded in February are denoted by an asterisk (\*)

#### HONORARY DEGREE RECIPIENT

Frank O'Dea, O.C., LL.D.



A man of hope, vision and action, Second Cup co-founder Frank O'Dea will be awarded the degree of Doctor of Laws, honoris causa, at the 9:30 a.m. ceremony on Thursday, June 12, in recognition of a distinguished record of public service and community leadership.

Mr. O'Dea's rags-to-riches story of succeeding against all odds is an inspiration to all entrepreneurs. Forty years ago, he was panhandling in the alleys of Toronto and sleeping in 50-cent-a-night flophouses. After a few stabs at running such businesses as selling coin sorters to churches or coffee beans to consumers, he envisioned selling coffee by the cup. He eventually sold his interest in Second Cup, which became the largest chain of gourmet coffees and teas in the country, and co-founded Proshred Security, a company that pioneered the industry of on-site document destruction. Today, he is one of Canada's most successful entrepreneurs. Mr. O'Dea's achievements also extend to the not-for-profit sector, nationally and abroad. As founder of War Child (Canada) and co-founder of Street Kids International and the Canadian Landmine Foundation, he has raised awareness about landmines, street children devastated by war or family circumstances, and AIDS orphans. Last August, he launched a book about his inspiring journey, When All You Have is Hope.

#### ORDER OF PROCEEDINGS

#### Morning ceremony

#### Thursday, June 12, 9:30 a.m.

#### Chancellor Marc Garneau, C.C., C.D., B.Sc., Ph.D., F.C.A.S.I., presiding

The audience is requested to stand when the Academic Procession arrives and remain standing until 'O Canada' has been sung. At the conclusion of the ceremony, the audience will wait until the Academic Procession has left before exiting the Fieldhouse.

#### Processional Music

John Robert Coghill Jr., B.Mus. (bagpipes)

Garry Matthews (snare drum)

Craig Moffatt (bagpipes)

#### O Canada (The audience is invited to sing. Please see page 2.)

Performed by

Nathan Dasilva

Zoe Fairbairn-Parent

Christina Mahneke

Richard Simard

#### Introduction by the Master of Ceremonies

Feridun Hamdullahpur, B.Sc., M.Sc., Ph.D., P.Eng.

Interim Provost and Vice-President (Academic)

#### Welcome by the President and Vice-Chancellor pro tempore

Samy Mahmoud, B.Sc., M.Eng., Ph.D., P.Eng.

#### Conferring of the Degree of Doctor of Laws, honoris causa, upon

Frank O'Dea, O.C., LL.D.

(presented by Michael McIntyre, B.Com., M.B.A., Ph.D., C.A., Associate Professor, Sprott School of Business)

#### Convocation Address

Frank O'Dea

#### Conferring of Degrees by Examination

Warrant

Brian Mortimer, B.Sc., M.Sc., Ph.D.

Clerk of Senate and Marshal of Convocation

#### "Scrapbook of My Heart"

Performed by composer Gerri Lutaaya

#### Awarding of Medals

#### Welcome from the Alumni Association

Rosanne Howes, B.Arch., M.Arch.

President, Architecture Chapter, Carleton University Alumni Association

#### Recessional Music

#### DOCTOR OF PHILOSOPHY

(presented by Professor John Shepherd, Dean of the Faculty of Graduate Studies and Research)

#### MANAGEMENT

Binbin Cui, B.Econ., M.M.St.

Value Creation and Leveraged Buyouts (LBOs)

Supervisor: V. Jog

Statia Elliot\*, B.Com., M.A.

A Comparative Analysis of Tourism
Destination Image and Product-Country

Supervisor: N. Papadopoulos

Diane A. Isabelle\*, B.Eng., M.B.A.

National Innovation Systems, Social Capital and Country Image: A Multi-Country Study of International Scientific Collaborations
Supervisor: L. Heslop

Peter Cyril Knight, B. Com., M.B.A.

Determinants of Marketer Satisfaction with the Choice of Electronic Marketplace Type Supervisor: L. Heslop

Bharat Maheshwari\*, B.Eng., M.B.A.

ERP Systems Institutionalization: The Effect of Organizational and Perceived Technological

Characteristics

Supervisors: V. Kumar and U. Kumar

Shavin Malhotra\*, B.Sc., M.B.A.

Free Trade Zones: Characteristics and Tenant

Behaviour

Supervisor: N. Papadopoulos

#### MASTER OF BUSINESS ADMINISTRATION

(presented by Professor John Shepherd, Dean of the Faculty of Graduate Studies and Research)

Jing Ai, B.Com.

Amir Hossein Aminpour\*, B.Sc.

Megha Chadha\*, B.Com.

Pouyan Esmaeilzadeh\*, B.Sc.

Nan Feng, B.Com.

Robert Nicolas Feraco, B.C.S.

Leily Fouladvand Moghadam, B.Sc.

Ying Fu\*, B.B.A.

Nader Hajisheikh, B.Sc.

Nassim Heidari Araghi Maghaddam, B.A.

Nima Heirati, B.Sc.

Atefeh Javadian, B.A.

Maysam Kanani Amiri, B.A.

Davood Khavarian, B.Sc.

Yi Le, B.Com.

Meng Chao Li, B.I.B.

Xiaoguang Liu, B.A.

Ali Mahabady Pour, B.A.

Erfan Mortezai Vahid\*, B.Sc.

Tanaz Baradaran Naghshineh, B.Sc.

Naseraldin Nohasi\*, B.Sc.

Ahmad Reza Norozy Esfehany\*, B.Sc., M.Sc.

Alireza Pahlavani, B. Eng., M. Eng.

Mohammad Hossein Ramezani, B.Sc.

Andrew N. Ravindran\*, B.Eng.

Farhad Sadr, M.P.H., Ph.D.

Stanislav Boytchev Savov\*, B.A.

Ya Qiao Shi, Dip.

Hamed Vosgha, B.Sc.

Fang Wang, B.Com.

Si Yuan Wu, B.Com.

Zhen Xu, B.B.M.

Weida Yao\*, B.Com.

Farid Yazdani, B.Sc.

Fan Ye, B.A.

#### MASTER OF ARCHITECTURE

(presented by Professor John Shepherd, Dean of the Faculty of Graduate Studies and Research)

Mark Stephen Blichert, B.Fine Arts, B.A.
Pointing Out the Moon: New Media in the
Museum

Mijanou Michelle Gravelle\*, B.Arch.St. Standing in Humility

William Klassen, B.Arch.St.
Drawing as Architectural Construction

Melanie Suzanne Lamontagne, B.Arch.St. Light - Therapy in Space

Selina Sze-Yu Leung, B.Arch.St.
Temporal Translation: Exploring the
Perspectives of East and West

**Veronique Leyten**, *B.Arch.St.*Five Elements Towards a Healthy Architecture

Andrew MacIntosh, B.Arch.St.
Establishing an Ecological Understanding to Urbanism: Healing the Don Through Education and Diversity

Tung Duong Tom Ngo, B.Arch.St. The Dinner Address

Michael S. Parker, B.Sc.
Morality in Architecture: Detail as Virtue

Kelly Kristen Steeves, B.Arch.St.
The Architecture of Archaeology
Adalsteinnson's Tomb

Po Chieh Tseng, B.Arch.St.
Urban Fabric in Transition: Thresholds and
Transitions in the Urban Context in Relation
to Time

#### BACHELOR OF ARCHITECTURAL STUDIES

(presented by Professor Marco Frascari, Director of the School of Architecture)

Sanam Alamdari with distinction

Stephanie Ellen Au with high distinction

Jeffrey Baker with high distinction

Kate Bennett
with distinction

Neel Bhatt with high distinction

Jennifer Bielaskie with high distinction

Elie Bourget with high distinction

Mark Buckley with high distinction

Evelyne Cardinal with distinction

Xiaopeng Chen with distinction

Andrew Chung
with high distinction

Amanda Conforti
with high distinction

Todd William Duckworth Co-operative Education with high distinction

Dylan Gregory Durst
Co-operative Education
with high distinction

Matthew William James Edwards with high distinction

Ahmed Farouk El Zibda with distinction

Sean Fright\*

Michelle Nadia Suzanne Gibeault with distinction

Craig Gillier
with distinction

Jon Perri Goulding

Franz Greenwood
with high distinction

Jin Gwon with distinction Diana Christine Habicht with distinction

Tracie Harburn

Samantha Hember with distinction

Shelagh Hill with high distinction

Julie Yanka Ivanoff

Aaron Gordon Janushewski with distinction

Sonia Joanis with high distinction

Derek Judson with distinction

Shirley Kadylak

Co-operative Education

with high distinction

Olga Kalosha with distinction

Yvonne Sylvia Kearns with distinction

Kristine Kim Minjung Kim

Narae Kim

Anna Katerina Kourkounakis with distinction

Michael Laprade with high distinction

Lawrence Chih-Hang Leon with high distinction

Bridget Lok
with distinction

Katelyn Mary Lucas with high distinction

Ryan Kenneth Walter Marazzo\* with distinction

Gillian McKellar with distinction

Yan Ki Mok
with high distinction

Katy Mulla with distinction

Kathleen O'Donnell with high distinction

Richard Papa\* with distinction

Sean Aaron Janek Procyk with high distinction

Zsofia Ritecz

Co-operative Education with high distinction

Sarah Danielle Rogers with high distinction

Jeffrey Salmon with distinction

Kristiana Emily Schuhmann with high distinction

Sudipto Sengupta with high distinction

Molly Shikanai Minor in Japanese with distinction

Ryan Brandon Stitt

Ekaterina Katya Tchouprikova with distinction

Jeremy Van Dyke with high distinction

Alicia Vincent
with distinction

Shuo Wang with distinction

Elizabeth Whelan Marcolini with distinction

Nevil Malcolm Wood with high distinction

Wing-See Wu
Co-operative Education
with high distinction

Katelyn Elizabeth Wurts
Co-operative Education
with distinction

Andrea Yeatman

Cecilia Ying Sze Yung with distinction

#### BACHELOR OF INDUSTRIAL DESIGN

(presented by Professor Thomas Garvey, Director of the School of Industrial Design)

Melany Bailette

with distinction

**Brian Bazett** 

Minor in Business with high distinction

Scott Bodaly

with distinction

Justin Frappier

Minor in Business Co-operative Education with distinction

Adam Daniel Glasgow

Thomas Kaplon

with distinction

Yana Klimava

with high distinction

Neville Wai Chun Ko

with distinction

Jeremy Labelle

with distinction

Heather Chi-Ying Lam with distinction

Christopher Ledda

Liam Levesque

Minor in Business with distinction

Silvan Linn

with high distinction

Jessica May-Wai Lo

Minor in Psychology

Sabine Mukaze

Joel Thomas Mulligan

Co-operative Education with high distinction

Jacob Wray Murray

Truc Nguyen

Co-operative Education with distinction

Sarom Prom

Sherry Lee Radburn-Ong

Minor in Business with distinction

Shayta Roy

Minor in Business and Minor in Psychology

Ashkan Shabnavard

Minor in Business Co-operative Education with distinction

Jessica Hwa-Ting Tien

Minor in Psychology with distinction

Bonnie Mae Van Tassel

Minor in Psychology

Wataru Watanabe

Co-operative Education with high distinction

Willow Watson\*

with high distinction

Judy Linda Yen

Minor in Business with distinction

#### BACHELOR OF COMMERCE

(presented by Professor Roland Thomas, Acting Dean of the Sprott School of Business)

Amina Abdi\*

Lara Abdul-Nour

Concentration in Managing People and Organizations

Co-operative Education

Ibrahim Abou Hamad\*

Concentration in Accounting Co-operative Education

#### David Abraha

High Honours

Concentration in Accounting and

Concentration in Finance

Co-operative Education

#### Gül-Bahar Akkaya

Concentration in International Business and Concentration in Marketing

#### Michael Allen

Highest Honours

#### Aal Aal\*

Concentration in Information Systems and Concentration in Finance

#### Jennifer Arnold

High Honours

Concentration in Marketing

#### Raga Swetha Atluri

Concentration in International Business

#### Roopa Baboota\*

Concentration in Accounting

Minor in Economics

Co-operative Education

#### Jie Bai\*

High Honours

Concentration in Finance

Minor in Statistics

Co-operative Education

#### Margaret Alexandra Bailey

**Highest Honours** 

Concentration in Information Systems

#### Nadine Bandali\*

Concentration in International Business

#### Leah Beaudette\*

Concentration in Accounting

#### David Beaupre\*

#### Amy Bergstrand\*

Concentration in Marketing

#### Nina Bogdan

Highest Honours

Concentration in Accounting

#### Meagan Lindsey Boileau

High Honours

Concentration in Operations Management

Minor in Mathematics

#### Frankie Hendrik Buwalda\*

Concentration in Accounting

Minor in Economics

#### Jessie Cartwright

Derek Carvill

#### Megan Rose Cavon\*

Concentration in Marketing

#### Aaron M. Cayer, B.A.

Highest Honours

Minor in Economics

#### Hau Ying Chan

Concentration in Accounting Minor in Statistics

#### Joanna Chan

#### Chih-Jung Chang

Minor in Economics

#### Shahrezad Chawla

Concentration in Accounting

Minor in Statistics

#### Brian Shane Chenier

**Highest Honours** 

Concentration in Accounting

Minor in Geography

#### Bilal Choudhry

Concentration in Accounting and

Concentration in Finance

#### Mohd Hussain Choudhry

Concentration in Finance

#### Nilufar Yeasmin Choudhury\*

High Honours

Concentration in Accounting

Minor in Economics

Co-operative Education

#### Anita Covella\*

Concentration in Managing People and

Organizations

#### Derek Scott Cowan\*

Concentration in Marketing Minor in Economics

#### Paul Craven

Concentration in Finance

Minor in Economics

#### Julia Kathleen Croll\*

Concentration in Marketing

#### Asha Dattani

#### Indraneel A. Deodhar\*

Concentration in International Business

Minor in Economics

#### Khushboo Vinaykumar Desai

Concentration in International Business

#### Gayathri Kanchana De Silva

High Honours

Concentration in Accounting

Co-operative Education

#### Vincent Eugene Didkovsky

**Highest Honours** 

Concentration in Accounting and

Concentration in Finance

Joshua Diener

Concentration in Marketing

Zhi Jian James Ding

Tyler Matthew Dren\*

Lisi Duan

Minor in Economics

Mary Ngozi Ebere\*

Leanne Nicole Emslie\*

Concentration in Managing People and Organizations

Jason Eng

Concentration in Managing People and Organizations

Aaron M. S. Exeter

Concentration in Marketing

Ryan John Farrell

Concentration in Marketing

Jeffrey Keir Fawcett\*

Concentration in Managing People and Organizations Minor in Psychology

Sanita Fejzic\*

High Honours

Ryan Dennis Andrew Field\*

Sarah Anne Fischer

Concentration in International Business

Daniel Gasser\*

Concentration in Marketing and Concentration in Managing People and Organizations

Charles Robert Gemmell\*

Paolo Giannetti

Concentration in Strategic Human Resources Management

Christa Gillis

Concentration in Accounting

Tyler Godbolt

Highest Honours
Concentration in Accounting

Olga Golovunin\*

**Highest Honours** 

Concentration in Accounting

Co-operative Education

Christopher Gordon

Concentration in Accounting

Tyler Jeffrey Garnet Greenfield

Allessandro Guarna

High Honours

Concentration in Accounting and

Concentration in Finance

Baodong Guo\*

Concentration in International Business Minor in Economics

Adam Gupta

Concentration in Finance and Concentration in Managing People and Organizations

Aditya Gupta

Concentration in Finance Minor in Economics

Azaid Habib

Concentration in Operations Management

Dana Leigh Haley\*

Concentration in Marketing and Concentration in Managing People and Organizations

Hendy Surya Handjaja\*

High Honours

Concentration in Accounting

Umar Syed Hasan

Concentration in Accounting Minor in Economics Co-operative Education

Mark Walter Haulena\*

Lin He

Minor in Economics

Christopher Henry\*

High Honours

Concentration in Operations Management Minor in Statistics

Chrystal Hitchcock

Concentration in Managing People and Organizations

David William Hoey\*

Michael Hogg

Highest Honours Concentration in Finance Minor in Economics

Teryn Elizabeth Holbrook\*

Highest Honours

Concentration in Accounting Co-operative Education

Lisa Jian Yi Huang

Highest Honours
Minor in Economics
Co-operative Education

Maria leroussalimskaia\*

High Honours

Concentration in Accounting Co-operative Education

Shrijay Suresh Jadhav

Concentration in International Business

Kathleen Jago

Concentration in Accounting

Zaheen Jamil\*

Concentration in Marketing

Hassan Qasim Jarrar\*, B.A.

High Honours

Jaanki Jeevan

**Highest Honours** 

Concentration in International Business

Yi Jiang

Minor in Economics

Nadine Karen Jobes\*

Concentration in Information Systems

Justin Craig Johnston

Concentration in Finance

Zeyad Kassis

Concentration in Accounting

Co-operative Education

Mary Rosalind Ker\*

Ali Khalili\*

Concentration in International Business

Minor in Economics

Jennifer Kindratiuk

Concentration in Managing People and

Organizations

Kyle Klepy\*

Mark Kolapak

Minor in Law

Fei Lai

Minor in Economics

James Laureys\*

High Honours

Concentration in Operations Management

Minor in Economics

Co-operative Education

Jing Ying Li

Concentration in Finance

Minor in Economics

Yanling Li\*

Concentration in Finance

Minor in Economics

Zhaoyu Li\*

High Honours

Concentration in Information Systems and

Concentration in Finance

Co-operative Education

Cathrine Lie\*

Lin Lin\*

High Honours

Concentration in Accounting

Li Liu

Minor in Psychology

Xingxing Liu

Concentration in Operations Management

Minor in Statistics

Zheng Liu\*

High Honours

Concentration in Finance

Minor in Statistics

Co-operative Education

Dennis Lowe

Concentration in Accounting

David Luhut\*

Rui Luo

**Highest Honours** 

Concentration in Accounting

Tay Hak Ly

Andrew Mar

Raluca-Sinziana Marica

Concentration in International Business and

Concentration in Technology and Operations

Management

Kundai Rebekah Maveneka\*

Concentration in International Business

Minor in French

Earl Patrick McHugh

Highest Honours
Minor in Economics

Jessica Anne McKittrick\*

Minor in Economics

Fraser McNamee

High Honours

Concentration in Accounting

Co-operative Education

Hong Meng

High Honours

Concentration in Accounting and

Concentration in Finance

Poornima Ashok Menon

Concentration in International Business

Paul H. Mikota

Elizabeth Mildon\*

Concentration in Marketing and

Concentration in Managing People and

Organizations

Jacob Matthew Milosek

**Highest Honours** 

Concentration in Accounting and

Concentration in Finance

Co-operative Education

Ankit Modi

High Honours

Concentration in International Business

Abdi Karim D. Mohamed

Concentration in Accounting

Jorge Isaac Monterrosa

Concentration in Accounting

Robert Moreland

Concentration in Accounting and Concentration in Finance

Marcin Mroz

High Honours

Concentration in Accounting

Co-operative Education

Pietro P. A. Natoli

High Honours

Ketevan Natsvlichvili

Concentration in International Business

Harsh Satish Niser

Concentration in International Business

Michelle O'Brien\*

High Honours

Concentration in Accounting and

Concentration in Managing People and

Organizations

Brett Andrew O'Grady

**Highest Honours** 

Concentration in Accounting

Jeffery O'Neill

Concentration in Accounting

Natalia Ostapenko

Christina Andrea Pace

Concentration in Marketing

Ernesto Roberto Pagliaro

High Honours

Concentration in Marketing

Oxana Nikolaevna Papanova\*

High Honours

Concentration in Accounting

Co-operative Education

Lauren Diana Parrott

Concentration in Marketing

Sanid Dilip Patil

Highest Honours

Concentration in International Business

Bettina Perry

High Honours

Sanja Pintar

Concentration in Strategic Human Resources

Management

Co-operative Education

Thirukkumaran Piranavam

Concentration in Accounting

Minor in Economics

Clayton Arpad Polan\*

Concentration in Managing People and

Organizations

Jing Qin

High Honours

Concentration in Accounting and

Concentration in Finance

Philip Quan

Concentration in Accounting

Sachin Ivan Ramaniah

**Highest Honours** 

Mekeen Bharat Rambhiya

High Honours

Concentration in International Business

Phillip Robert Richard

Michael Richardson

Concentration in International Business

Co-operative Education

Jenna Raquel Roett

Concentration in Accounting

Anthony Joseph Rotondi

Concentration in Managing People and

Organizations

Adam R.E. Rutledge

High Honours

Concentration in Accounting and

Concentration in Finance

Julian Karl Schonfeldt

**Highest Honours** 

Concentration in Accounting and

Concentration in Finance

Avely Britton Serin\*

Concentration in Marketing

Co-operative Education

Adam Zachary Serota

Concentration in International Business

Babak Shadman

Concentration in Finance

Farhan Shakir

Concentration in Accounting

Laura Shirley

Concentration in Marketing

Jamie Shnider\*

High Honours

Concentration in Marketing

Prabhat Lal Shrestha, B.Sc. Eng., M.Sc. Eng.

High Honours

Concentration in Finance

Minor in Economics

Akshat Shrivastava

Concentration in International Business Minor in Economics

Kathleen Siddons\*

Concentration in Accounting

Darren Sim

High Honours

Concentration in Accounting

Co-operative Education

Aditya Kumar Singh

Highest Honours

Concentration in International Business

Bryan Sirois

Concentration in Managing People and

Organizations

Eric Staenz\*

Christopher William Stead

**Highest Honours** 

Concentration in Accounting

Co-operative Education

Matthew Stephen\*

Robyn Dawn Strangway

Concentration in Accounting

Raunak Sundar Rajan

Concentration in International Business

Elaine Sung

Concentration in Information Systems and

Concentration in Marketing

Matthew Michael Swann

Concentration in Operations Management

Minor in Statistics

Ahmad Jalal Syed

Minor in Economics

Andrew Tam\*

Concentration in Managing People and

Organizations

Ka Khoon Tan

Highest Honours

Concentration in Accounting and

Concentration in Finance

Lin Tao

Concentration in Accounting

Minor in Economics

John Taylor

High Honours

Concentration in Marketing and

Concentration in Managing People and

Organizations

Rania Teriaky

Minor in Economics

Helen Hoi-Yan To

High Honours

Concentration in Marketing

Co-operative Education

Tamas Toth

Concentration in Finance

Minor in Computer Science

Sari El Sayed Touba

Concentration in Information Systems

Minor in Economics

Xiaoyan Tu

Highest Honours

Yukina Urakawa

High Honours

Concentration in International Business

Minor in Economics

Bonan Wang

Hongbin Wang\*

Concentration in Accounting

Lei Wang\*

Concentration in Operations Management

Minor in Statistics

Peng Wang\*

Qi Wang

Concentration in Finance

Minor in Economics

Elizabeth Ann Whitbread

High Honours

Concentration in Accounting

Co-operative Education

Matthew Whitten

High Honours

Concentration in Finance

Minor in Economics

Co-operative Education

Peter Williams

Leah Wilson\*

Bradley James Wolfe

Concentration in Information Systems and

Concentration in Finance

Co-operative Education

Lok Kei Kelvin Wong

Minor in Statistics

Huiying Wu

Concentration in Accounting and

Concentration in Finance

Zhenzhen Xie

High Honours

Concentration in Accounting and

Concentration in Finance

Kui Xuan\*

Concentration in Accounting

Xinli Xuan

High Honours

Concentration in Accounting

Sai Yac

High Honours

Concentration in Accounting and

Concentration in Finance

Megan Yen

High Honours

Concentration in Accounting

Mahdie Zafarzadeh\*

Concentration in Accounting

Wenjing Zhang

**Highest Honours** 

Concentration in Accounting and

Concentration in Finance

Liang Zhao

High Honours

Concentration in International Business

Minor in Economics

Dongyuan Zhu

Minor in Economics

Shuni Zhu\*

Concentration in International Business

Co-operative Education

#### BACHELOR OF INTERNATIONAL BUSINESS

(presented by Professor Roland Thomas, Acting Dean of the Sprott School of Business)

Catherine Beach

Concentration in International Marketing

and Trade

Minor in French

Marie-Lynn Bromilow

High Honours

Concentration in Strategic Management and International Human Resources

Helen Frances Burnett

**Highest Honours** 

Concentration in International Investment,

Finance and Banking

Minor in Spanish

Tara Caughlin

Concentration in International Marketing

and Trade

Minor in Spanish

Holly Chadala

High Honours

Minor in Spanish

Gregory John Michael Dowhan

High Honours

Concentration in International Investment,

Finance and Banking

Minor in Statistics

Rami Fayad

Highest Honours

Concentration in International Marketing

and Trade

Minor in German

Miguel Enrique Fernando

Concentration in International Investment,

Finance and Banking

Minor in Spanish

Francis Gillis

High Honours

Concentration in International Investment,

Finance and Banking

Minor in Spanish

Matthew Harris

High Honours

Concentration in Strategic Management

and International Human Resources

Minor in Spanish

Flaka Hasanai

Concentration in Strategic Management and International Human Resources

Hwayoung Jang

Concentration in International Marketing

and Trade

Minor in Spanish

Savannah Kimura

High Honours

Minor in Spanish

Andrea Kloetzner

High Honours

Concentration in Strategic Management

and International Human Resources

Minor in German

#### Louise Landry

**Highest Honours** 

Concentration in International Marketing

and Trade

Minor in Spanish

#### Sarah MacMillan

**Highest Honours** 

Concentration in International Marketing

and Trade

Minor in Spanish

#### Erik Cristophe Malavoy

Minor in Japanese

#### Welmer Alexander Monchez

Highest Honours

Minor in French

#### Laura Moore

Concentration in International Marketing

and Trade

Minor in Spanish

#### Joshua Hartley Mosher-Mandel

Concentration in International Marketing

and Trade

Minor in Spanish

#### Riaz Nathu\*

Concentration in International Marketing

and Trade

Minor in Spanish

#### Kristen Melissa Newhouse

#### Thang Nguyen

Concentration in International Investment,

Finance and Banking

#### Angeline Pacione

Highest Honours

Concentration in International Marketing

and Trade

Minor in Spanish

#### Steven Kevin Paisley

Concentration in International Marketing

and Trade

Minor in Spanish

#### Jacob Penny

Highest Honours

Concentration in International Investment,

Finance and Banking

#### Ljiljana Petronic

Highest Honours

Concentration in International Investment,

Finance and Banking

#### Tebogo Ofunneka Phala

Highest Honours

Concentration in Strategic Management

and International Human Resources

Minor in German

#### Shideh Rahmanian

High Honours

Concentration in International Marketing

and Trade

Minor in French

#### John Gregory Kerr Richards

**Highest Honours** 

Concentration in International Investment,

Finance and Banking

Minor in Economics

#### Katja Scholz

Concentration in Strategic Management and International Human Resources

Minor in French

#### Charles Gorman Simpkins

Minor in French

#### Aleks Simrooglu

High Honours

Concentration in International Marketing

and Trade

#### Ana Maria Stojcev

High Honours

Minor in Spanish

#### Lance Taylor

Concentration in International Investment,

Finance and Banking

Minor in Spanish

#### Pavel A. Tkalitch

Highest Honours

Concentration in Strategic Management

and International Human Resources

Minor in Japanese

#### James Gordon Tompkins

Concentration in International Marketing

and Trade

Minor in Spanish

#### Nardia Charlotte Tonge\*

Highest Honours

Minor in French and Minor in Political Science

#### Nikita Treskov\*

**High Honours** 

Minor in Spanish

#### Adam Vradenburg

Minor in German

#### Shiho Wada

**Highest Honours** 

Concentration in Strategic Management and International Human Resources

#### Alison Walsh

Highest Honours

Concentration in International Investment,

Finance and Banking

Minor in Spanish

#### Taryn Winston

#### AFTERNOON CEREMONY

Thursday, June 12, 2:00 p.m.

Degrees conferred at Spring Convocation are awarded by Senate in February and in June.

Degrees awarded in February are denoted by an asterisk (\*)

#### CONVOCATION SPEAKER

Dr. Pierre Coulombe, B.A., B.Sc., Ph.D.



As president of the National Research Council (NRC), Dr. Pierre Coulombe has used his extensive experience in the university, public and private sectors to support the commercialization of science and to make Canada more innovative and competitive in using new technologies. He is a member of l'Ordre des Ingénieurs du Québec, l'Ordre des Administrateurs Agrées du Québec, and an associate member of the CFA Institute.

Prior to heading the NRC, Dr. Coulombe worked as a private industry executive, a consultant, a professor of medicine and a senior official for the Quebec government. He was also chair of the board and chief executive officer of the Centre de recherche industrielle du Québec, and president and chief executive officer of the Centre de recherche informatique de Montréal and Infectio Diagnostic Inc (IDI). At IDI, he helped showcase Canada's leadership in medical research and diagnostic technology, completing rounds of private equity financing and negotiating major research contracts. In 1984, he was instrumental in establishing the ministère de la Science et de la Technologie. Dr. Coulombe was a Medical Research Council scholar and an assistant professor of medicine at Université Laval, where he studied physics engineering and experimental medicine. He has written many publications and communications in endocrinology.

#### ORDER OF PROCEEDINGS

#### Afternoon ceremony

#### Thursday, June 12, 2:00 p.m.

Chancellor Marc Garneau, C.C., C.D., B.Sc., Ph.D., F.C.A.S.I., presiding

The audience is requested to stand when the Academic Procession arrives and remain standing until 'O Canada' has been sung. At the conclusion of the ceremony, the audience will wait until the Academic Procession has left before exiting the Fieldhouse.

#### Processional Music

John Robert Coghill Jr., B.Mus. (bagpipes) Garry Matthews (snare drum)

Craig Moffatt (bagpipes)

O Canada (The audience is invited to sing. Please see page 2.)

Performed by

Nathan Dasilva

Zoe Fairbairn-Parent

Christina Mahneke

Richard Simard

Introduction by the Master of Ceremonies

Feridun Hamdullahpur, B.Sc., M.Sc., Ph.D., P.Eng. Interim Provost and Vice-President (Academic)

Welcome by the President and Vice-Chancellor pro tempore Samy Mahmoud, B.Sc., M.Eng., Ph.D., P.Eng.

#### Convocation Address

Dr. Pierre Coulombe, B.A., B.Sc., Ph.D. President, National Research Council

#### Conferring of Degrees by Examination

Warrant

Brian Mortimer, B.Sc., M.Sc., Ph.D.

Clerk of Senate and Marshal of Convocation

#### "Scrapbook of My Heart"

Performed by composer Gerri Lutaaya

#### Awarding of Medals

Welcome from the Alumni Association

Michelle Sutherland, B.A.

Carleton University Alumni Association Volunteer

Recessional Music

#### DOCTOR OF PHILOSOPHY

(presented by Professor John Shepherd, Dean of the Faculty of Graduate Studies and Research)

#### AEROSPACE ENGINEERING

Marcel Ilie, L.D., M.Eng.

Aerodynamic, Aeroacoustic, and Aeroelastic Investigations of Airfoil-Vortex Interaction Using Large-Eddy Simulation Supervisors: E.A. Matida and F. Nitzsche

#### CIVIL ENGINEERING

Ya-Ying Chang\*, B.Appl.Sc., M.App.Sc. Multi-Site Network Hybrid Testing of a Multi-Span Bridge System Supervisor: D. T. Lau

Gholamreza Fathifazl\*, B.Sc., M.Sc.

Structural Performance of Steel Reinforced Recycled Concrete Members Supervisors: G. Razaqpur and O. B. Isgor

Tareq Salloum, B.Sc., M.App.Sc.

Probabilistic Assessments of Soil Liquefaction Hazard

Supervisor: K. Tim Law

#### ELECTRICAL ENGINEERING

Christopher Andrew DeVries\*, B.Appl.Sc., M.App.Sc.

Low Power Sub-Sampling Radio Receiver Architecture Supervisor: R. Mason

Qingjin Du\*, B.Eng., M.App.Sc.

A CDR with a Digital Threshold Decision Technique and a Cyclic Reference Injected DLL Frequency Multiplier with a Period Error Compensation Loop Supervisor: T. Kwasniewski

Christophe Louis Herry, Dip., M.App.Sc.
Segmentation and Extraction of Regions
of Interest for Automated Detection of
Anomalies in Clinical Thermal Infrared Images
Supervisors: M. Frize and R. Goubran

Victor F. Karam, B.Eng., M.App.Sc.
Techniques for Low-Power CMOS Transmitter
System Integration for Short-Range RadioFrequency Communication
Supervisors: C. Plett and J. Rogers

David Kenneth MacKinnon, B.Sc., M.App.Sc.
Adaptive Laser Range Scanning Using Quality
Metrics
Supervisor: V. Aitken

Steven Paul McGarry\*, B.Sc.

Organo-Electronic Technology for Integrated High Functionality Devices Supervisor: G. Tarr

Khaled Mnaymneh\*, B.Appl.Sc., M.Eng. Photonic Quasicrystals: A Case for Crystal Angular Momentum Supervisor: R. Gauthier

Fayyaz Ahmad Siddiqui, B.Sc., M.App.Sc. Channel Estimation in Single Carrier Frequency Domain Equalization Space Division Multiple Access Systems Supervisors: D. Falconer and F. Danilo-Lemoine

Sara Marian Stout-Grandy, B.Eng., M.Eng. Investigation of Planar Fresnel Zone Plate Antennas Supervisors: I. Minin, A. Petosa and J. Wight

Daniel Wojtaszek, B.Appl.Sc., M.App.Sc.
Faster MIP Solutions Via New Node Selection
Rules
Supervisor: J. Chinneck

Hua Xiao, B.Sc., M.Sc.

Performance Estimation, Code Construction and Decoding of Finite-Length Low-Density Parity-Check Codes Supervisor: A. Banihashemi

Mohammadreza Yazdani, B.Sc., M.App.Sc., M.Sc. High Performance Transducer Architecture for Content Inspection Engines Supervisors: W. Fraczak and I. Lambadaris

Jingcheng Zhuang\*, B.Eng., M.App.Sc. A Low Complexity Digital Phase-Locked Loop Based Frequency Synthesizer Supervisor: T. Kwasniewski

#### MECHANICAL ENGINEERING

Omar B. Ramadan, B.Sc., M.Sc.

Design and Evaluation of a Low NOx Natural Gas-Fired Conical Wire-Mesh Duct Burner for a Micro-Cogeneration Unit Supervisors: J.E.D. Gauthier and P. Hughes

#### MASTER OF APPLIED SCIENCE

(presented by Professor John Shepherd, Dean of the Faculty of Graduate Studies and Research)

#### AEROSPACE ENGINEERING

#### Michele Capurro, B.Eng.

Development of a Design Tool for Modern Gas Turbine Combustors and Commissioning of a Gas Turbine Combustion Research Laboratory

#### David Joseph Cerantola\*, B.Appl.Sc.

Rocket Nozzle Design with Ejector Effect Potential

#### Steven Sam Elia, B.Eng.

Experimental and Numerical Investigation of Centrifugal Compressors for Use with Alternative Working Fluids

#### Shaun Robert Gaudet, B.Eng.

Development of a Dynamic Modeling and Control System Design Methodology for Gas

#### James David Robinson\*, B.Eng.

Direct and Inverse Kinematics of a New Class of Serial-Parallel Hybrid Manipulator

#### CIVIL ENGINEERING

#### Amr Ahmed Salah Elrodesly\*, B.Sc.

Displacement-Based Seismic Design of Reinforced Concrete Shear Wall Buildings

#### Stephanie Lynne McNeely\*, B.Eng

Development of a Ridership Forecasting Tool for Small Public Transit Systems Using GIS

#### Yan Wang, B.Eng., B.Sc.

A Study of Smoke Movement in Multi-Storey Buildings Using Experiments and Computer Modelling

#### Letian Yang\*, B.Eng.

Driver Speed and Acceleration Behaviour on Canadian Roads

#### ELECTRICAL ENGINEERING

#### Mohammad Alhaj, B.Sc.

Aspect Composition in Core Scenario Models

#### Saqib Ali\*, B.Sc.

Cross-Layer Multimedia Transmission Over Cognitive Radio Networks

#### Velnamby Ambalavanar, B.Appl.Sc.

Removing Redundancy in Interconnect Simulation Using Domain Decomposition Techniques

#### Marsha Bissessarsingh, B.Eng.

The Application of Model Reduction Techniques to MEMS Structures

#### Feroz Ali Bokhari\*, B.Sc.

Adaptive Token Bank Fair Queuing Scheduling in the Downlink of 4G Wireless Networks

#### Albert Chiu Yiu Chun, B.Eng.

CMOS Implementation of Active and Passive LC-VCO

#### Wen Dai, B.Eng.

A Human Tracking Mobile Robot System Based on Vision and Laser Sensor Fusion

#### Nasser Hasan Abdel-Qader Dardas\*, B.Sc., M.Sc. Performance Cost of Different Security

Features

#### Enrique Alejandro Gutierrez Blancarte\*, B.Eng. Location Estimation in Wireless Ad-Hoc Sensor Networks

### Mohamed Hassan\*, B.Sc., M.Sc. Management of Aspect Weaving

#### Alexei Ivanov, B.Eng.

Multi-Parameter Fiber Optic Sensors for Structural Health Monitoring

#### Anuoluwa Adesimbo Iyaniwura, Dip., M.Sc.

Optical Motion Capture for Performance-Based Facial Animation

#### Afiya Saidi Kassim\*, B.Eng.

Facilitating Web Service Discovery in Distributed Web Service Registries

#### Shauna Mullally, B.Eng.

Clinical Engineering Effectiveness in Developing World Hospitals

#### Seyed Behzad Nouri\*, B.Sc.

Advanced Macromodeling Algorithm for Sampled Time/Frequency Domain Measured/ Tabulated Data

#### Andrew J. Preston\*, B.Eng.

Runtime Detection of Active Scanning Worms

#### Jinshi Qiu, B.Eng.

Joint Source and Channel Coding for Image Transmission over Noisy Channels with Feedback

#### Alasdair Patrick Rankin\*, B.Eng.

ISFET Based Label-Free DNA Detection with Hafnia Gate Dielectrics

Hui Shang, B.Eng., M.Eng.

Dynamic Structure DEVS: Improving RealTime Embedded Systems Simulation and
Design

Sina Tolouei\*, B.Sc., B.Sc. Eng., M.App.Sc.
Design and FPGA Implementation of Min-Sum Algorithm and Its Variants

Xin Jie Wang\*, B.Sc., M.Sc.
A CMOS Wide Output Voltage Swing DM
Modulator for Envelope Tracking Technique

Liang Xu, B.Eng.
Satellite Terminal Fault Identification System
Development Based on SNR Analysis

Yinfeng Henry Yu\*, B.Math. E-CD++: An Engine for Executing DEVS Models in Embedded Environments

Ahmed Hafiz Atta Zainaldin\*, B.Eng. Low Bit-Rate Video Transmission Over Wireless Zigbee Networks

Irena Zamboni, B.Eng.
Risk Assessment of Necrotizing Enterocolitis
in NICU

Guo Rui Zhang, B.Eng.
Estimation and Characterization of Delay
and Angular Dispersion on Mobile Radio
Channels in 2.25 GHz Microcells

Chenjuan Zhou\*, B.Eng.

Application and Evaluation of Hierarchical

Agglomerative Clustering in Wireless Sensor

Networks

#### ENVIRONMENTAL ENGINEERING

Bereket Fisseha, B.Sc.
Flow Behavior in Multilayer Deposits of
Unsaturated Paste Tailings

Julio Antonio Henriquez, *Dip.*Dynamic Imaging and Modelling of Gold
Paste Tailings Flows

#### MECHANICAL ENGINEERING

Ian Alexander W. Britton, B.Sc.

Development of a Performance Estimation
Tool for Gas Turbine Engine Centrifugal
Compressors

Azidah Puteri Buang, B.Sc.
Cracking and Fracture Analysis of HVOF
Coatings Under Vickers Indentation

Amirhossein Monjazeb\*, B.Eng.
Autonomous Robot Navigation Based on
Simultaneous Localization and Mapping
(SLAM), and Particle Filtering

Scott Riley Wilson, B.Eng.
Aerosol Deposition Measurements as a
Function of Reynolds Number for Turbulent
Flow in a Ninety-Degree Pipe Bend

## TECHNOLOGY INNOVATION MANAGEMENT ENGINEERING

Haijun Peter Liu\*, B.Sc., M.Sc.
Examining Open Source Telecommunications
Companies

Jairo Muñoz, B.Sc.
Success Factors in Telecom Service
Development: A Grounded Theory Case
Studies Research in the Latin American

Telecommunication Sector

#### MASTER OF ENGINEERING

(presented by Professor John Shepherd, Dean of the Faculty of Graduate Studies and Research)

#### **AEROSPACE**

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Rubina Ali, B.Eng., M.Sc.

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Muhammad Naseem Arif, B.Sc.

Mazen El-Tannir, B.Eng.

Ejiwunmi Olakunle Fajimi, B.Eng.

Jie Lao\*, B.Eng.

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Elizabeth Mundiyattu Issac\*, B.Tech.

Yunxiang Jiao\*, B.Eng

Imtiyaz Moulvi, B.Appl.Sc., Dip.

Farhad Shirazinejad, B.Sc.

Qiaochun Wang\*, B.Eng., M.Res.

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Helena Vivienne Forbes, B.Eng.

Jason L. Rose, B.Eng.

Heather Joan Scott, B.Eng.

TELECOMMUNICATIONS
TECHNOLOGY MANAGEMENT

Bashar Bou-Diab\*, B.Sc.

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Minor in Statistics

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Chigozie Aniemena

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Parichit Bagga

Co-operative Education with high distinction

Benjamin James Blackman

Co-operative Education with high distinction

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Kyle Joseph Chisholm

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Michael Correia

with high distinction

**Daniel Cote** 

with distinction

Jonathan Dick\*

Jason Michael Eyles

Kashif Faroog

Concentration in Computer-Integrated Manufacturing

Samir Firfire\*

Andre Gagnon

Co-operative Education with high distinction

Guillaume Gagnon

Co-operative Education with distinction

Andrew Gonis

Co-operative Education with high distinction

Marshall Thompson Graves

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Saad Mousse Guled\*

Timothy Burke Hagerty

John Francis Hibbert

Bashir Ibrahim

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Mikhail Kabakov

with distinction

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with high distinction

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Meaghan Miller

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with high distinction

Sheilagh O'Leary

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Shaun Pentecost

with high distinction

Shane Perry

Ryan Gregory Petrusenko

with high distinction

Henry Quesnel

Concentration in Computer-Integrated

Manufacturing

Makhoul Rabie

with high distinction

Radman Rabii

Concentration in Computer-Integrated

Manufacturing

Minor in Political Science

Mark Ramlochan

Nathan Reed

with distinction

James David Riddick

with distinction

Upneet Matharu Singh

Concentration in Computer-Integrated

Manufacturing

Marek Smetny-Sowa

Scott R. Thomson

Tao Tian

with distinction

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with distinction

Andrew Warner with distinction

Brian Henry James Warren

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Akintunde Adams

Payam Belkameh

Bernadette Brzezina with high distinction Michael Colussi

Co-operative Education with high distinction

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Minor in Business and Minor in Mathematics with distinction

David Peacock\*

Sami Sanaallah

Anissa Margaret Shaddy

Dylan Andrew Harper Smith

Co-operative Education with high distinction

Bing Zhao

#### ADDITIONS/CORRECTIONS

The following additions and/or corrections were made by Senate following the publication of the Fall 2007 Convocation program

#### BACHELOR OF ARTS (HONOURS)

Alexander McGill
Political Science

#### BACHELOR OF ARTS

Amanda Neuman Psychology

Phillip James Richardson Psychology

Cyril Mark Tomlinson Sociology

Xiaolin Yang Economics

#### BACHELOR OF SOCIAL WORK

Kyla Maynard

